TRENDnet®

Quick Installation Guide

TE100-S16g
TE100-S24g
1.01

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Package Contents

- TE100-S16g / TE100-S24g
- Multi-Language Quick Installation Guide
- Power Cord
- Rack Mount Kit

System Requirements

- A computer with a network adapter installed
- CAT-5, CAT-5e or CAT-6 Network Cable
- The surface must support at least 1.5 Kg for the Switch
- The power outlet should be within 1.82 meters (6 feet) of the switch
- Visually inspect the DC power jack to make sure that it is securely connected to the power adapter
- Make sure that there is proper heat dissipation from and adequate ventilation around the switch
- Do not place heavy objects on the switch

1. Connect the **Power Cord** to the TE100-S16g/TE100-S24g and then to a power outlet.

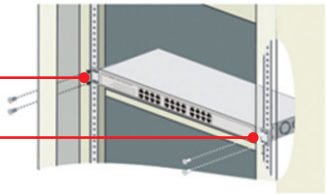
2. Connect a CAT-5, CAT-5e or CAT-6 RJ-45 network cable from the computer to an available Ethernet port on the TE100-S16g/TE100-S24g.

Rack Mount

The switch can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipment.

1. Attach the mounting brackets to both sides of the switch and secure them with the provided screws.

2. Carefully position the switch onto the rack. Align the bracket to the screw holes on the rack, then use the screws provided with the equipment rack to mount the switch.



Power

Green: Power is on

Not Illuminated: Power is off

Link/ACT

Green (Solid):
Link to another device

Green (Blinking):
Activity is occurring from the link

Not Illuminated:
Nothing is detected on the port

100Mbps

Green:
Connection for the port is 100Mbps (Full/Half)

Not Illuminated:
Connection for the port is 10Mbps (Full/Half) or nothing is detected on the port.

Hardware	
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control
Network Media	Ethernet: 2-Pair UTP/STP CAT-3, -4, -5 Fast Ethernet: 2-Pair UTP/STP CAT-5, -5e , -6
Data Transfer Rates	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)
Protocol/Topology	CSMA/CD / Star
Interface	TE100-S16g: 16 x 10/100/1000 Auto-MDIX RJ-45 ports TE100-S24g: 24 x 10/100/1000 Auto-MDIX RJ-45 ports
Data RAM Buffer	TE100-S16g: 1.25Kbits per device TE100-S24g: 1.25Mbits per device
Packet Filtering/Forwarding Rate	10Mbps Ethernet: 14,880pps (packets per second) 100Mbps Fast Ethernet: 148,800pps
MAC Address Learning	Automatic Update
Filtering Table	8K entries per device
Switch Fabric	TE100-S16g: 3.2Gbps Forwarding Capacity TE100-S24g: 4.8Gbps Forwarding Capacity
Power Consumption	TE100-S16g: 6W (max) TE100-S24g: 6.4W (max)
Diagnostic LEDs	Power, Link/ACT, 100Mbps
Power	100-240VAC, 50/60Hz, Internal Power Supply
Dimensions	440 x 140 x 40 mm (17.32 x .5.51 x 1.57 in.)
Weight	TE100-S16g: 1.72kg (3.8 lb) TE100-S24g: 1.86kg (4.1 lb)
Temperature	Operating: 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	Operating: 10% ~ 90% Storage: 5% ~ 90%
Certifications	CE, FCC

After connecting the Switch to a power outlet, the LEDs do not turn on.

1. Check the connection of the power cord to the TE100-S16g/TE100-S24g and the power outlet.
2. Check that the power outlet is receiving power.

When I connect a computer to the Switch's port, the Link/ACT LED turns on, but the 100Mbps LED remains off.

When the 100Mbps LED is off, the computer's connection speed is 10Mbps.

After I connect my PCs to the Switch, I am unable to share files.

1. Check the LEDs on the Switch. Make sure the **Link/ACT LED** is on.
2. Check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters.
3. Disable any software firewall program.
4. Verify that you have file sharing enabled. Please contact your Operating System support for more information.

After I connect my PCs to the Switch, I can only get onto the Internet from one computer.

The Switch was not designed to share Internet between multiple computers. You need to get an Internet router such as the TW100-S4W1CA.

Where is the uplink port located on the Switch?

Since all the ports on the Switch are Auto-MDIX, any of the ports can be used as an uplink port.

If you still encounter problems or have any questions regarding the **TE100-S16g/ TE100-S24g** please contact TRENDnet's Technical Support Department.

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TE100-S16g/TE100-S24g - 5 Year Limited Warranty
AC/DC Power Adapter, Cooling Fan and Power Supply carry 1 year warranty

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

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Certifications

This equipment has been tested and found to comply with FCC and CE Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received. Including interference that may cause undesired operation.

Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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